



PATENT

Case Docket No. DFR2000.008C1

Date: October 16, 2003

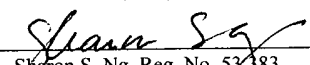
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s) : Harry L. Tarnoff, et al.  
Appl. No. : 10/626,199  
Filed : July 23, 2003  
For : METHOD AND APPARATUS  
FOR SYNCHRONIZATION OF  
ANCILLARY INFORMATION  
IN FILM CONVERSION  
Examiner : Unknown  
Group Art Unit : Unknown

I hereby certify that this correspondence and all marked attachments are being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on

October 23, 2003

(Date)

  
Sharon S. Ng, Reg. No. 53,383

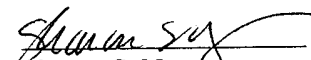
TRANSMITTAL LETTER

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Enclosed for filing in the above-identified application are:

- (X) An Information Disclosure Statement.
- (X) A PTO Form 1449 listing eighty-nine (89) references.
- (X) The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Account No. 11-1410.
- (X) Return prepaid postcard.

  
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**INFORMATION DISCLOSURE STATEMENT**

Applicant	:	Harry L. Tarnoff, et al.
App. No.	:	10/626,199
Filed	:	July 23, 2003
For	:	METHOD AND APPARATUS FOR SYNCHRONIZATION OF ANCILLARY INFORMATION IN FILM CONVERSION
Examiner	:	Unknown
Group Art Unit	:	Unknown

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Enclosed is form PTO-1449 listing eighty-nine (89) references, including seventy-nine (79) previously cited references and ten (10) recently cited references. The previously cited references are of record in U.S. Patent No. 6,611,293, issued August 26, 2003, which is the parent of this application, and is relied upon for an earlier filing date under 35 U.S.C. § 120. Copies of the previously cited references are not submitted pursuant to 37 C.F.R. § 1.98(d). One of the previously cited references is a list of patents from a search for prior art patents. The list of patents was provided to us by the Assignee (DFR2000, Inc.) of the above-identified patent application. We have not reviewed the content of the listed patents.

The recently cited references were cited by Examiners on form PTO-892 in copending U.S. Patent Application No. 09/746,837 and copending U.S. Patent Application No. 09/746,831. Copies of the recently cited references and form PTO-892 are enclosed.

As indicated in the Information Disclosure Statement of the parent application, the Applicants of the above-identified patent application provided a list of publications that they referred to during the development of the invention. We have not reviewed the content of the listed publications. The listed publications are:

1. Gary H. Anderson; ELECTRONIC POST-PRODUCTION: THE FILM-TO-VIDEO GUIDE; Knowledge Industry Publications, Inc.; New York, 1986.

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2. Steven Ascher & Edward Pincus; THE FILMMAKER'S HANDBOOK; Plume, March 1999.
3. Frank Beacham; AMERICAN CINEMATOGRAPHER VIDEO MANUAL; The ASC Press; 1994.
4. Gerald C. Holst; SAMPLING, ALIASING, & DATA FIDELITY; Artech House; 1998.
5. Gerald C. Holst; CCD ARRAYS, CAMERAS, AND DISPLAYS; JCD Publishing; 1998.
6. Richard H. Kallenberger & George D. Cvjetnicinanin; FILM INTO VIDEO; Focal Press; 1994.
7. Jack Keith; VIDEO DEMYSTIFIED, 2<sup>ND</sup> ED.; High Text Interactive; San Diego, 1996.
8. Eli L. Levitan; AN ALPHABETICAL GUIDE TO MOTION PICTURE, TELEVISION, AND VIDEOTAPE PRODUCTION; McGraw-Hill; 1970.
9. Arch C. Luther; VIDEO CAMERA TECHNOLOGY; Artech House; 1998.
10. Thor Olson, Charles Poynton, Mark Schubert & John Watkinson; PIXELS, PICTURES AND PERCEPTION: THE DIFFERENCES AND SIMILARITIES BETWEEN COMPUTER IMAGERY, FILM, AND VIDEO; SMPTE; 1995.
11. Sadayasu Ono, Naohisa Ohta & Tomonori Aoyama; SUPER-HIGH-DEFINITION IMAGES; Artech House; 1995.
12. Michael Orzessek & Peter Sommer; ATM & MPEG-2; Hewlett-Packard; 1998.
13. Charles A. Poynton; A TECHNICAL INTRODUCTION TO DIGITAL VIDEO; John Wiley & Sons; 1996.
14. J. D. Ratcliff; TIMECODE: A USER'S GUIDE, 2<sup>ND</sup> ED.; Focal Press; 1997.
15. David Samuelson; DAVID SAMUELSON'S 'HANDS-ON' MANUAL FOR CINEMATOGRAPHERS, 2<sup>ND</sup> ED.; Focal Press; Oxford England, 1998.

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16. Warren J. Smith; MODERN OPTICAL ENGINEERING, 2<sup>ND</sup> ED.; McGraw-Hill; 1990.
17. SMPTE; STANDARDS FOR MOTION PICTURE PRODUCTION AND PRESENTATION; 1999.
18. SMPTE; TASK FORCE FOR HARMONIZED STANDARDS FOR THE EXCHANGE OF PROGRAM MATERIAL AS BITSTREAMS; 1998.
19. Stephen Solari; DIGITAL VIDEO AND AUDIO COMPRESSION; McGraw-Hill; 1997.
20. Garry Thomson; THE MUSEUM ENVIRONMENT, 2<sup>ND</sup> ED.; Butterworth-Heinemann; London, 1986.
21. David Throup; FILM IN THE DIGITAL AGE; Quantel; 1996.

This Information Disclosure Statement is being filed before the receipt of a first Office Action on the merits, and presumably no fee is required in accordance with 37 C.F.R. § 1.97(b)(3). If a first Office Action on the merits was mailed before the mailing date of this Statement, the Commissioner is authorized to charge the fee set forth in 37 C.F.R. § 1.17(p) to Deposit Account No. 11-1410. A duplicate copy of this Statement is enclosed for that purpose.

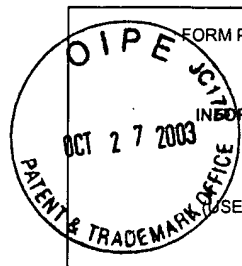
Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: October 23, 2003

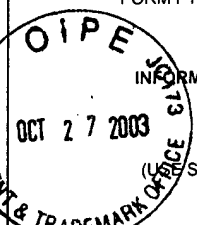
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SSN-2621.DOC  
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 FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (USE SEVERAL SHEETS IF NECESSARY)	ATTY. DOCKET NO. DFR2000.008C1	APPLICATION NO. 10/626,199
	APPLICANT Tarnoff et al.	
	FILING DATE July 23, 2003	GROUP Unknown

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
	1	RE38,079	04/2003	Washino, et al.			
	2	3,141,621	07/1964	Tolbert, J.A.			
	3	3,751,580	8/1973	Metzger, Lenard M.			
	4	3,779,640	12/1973	Kidd, Wayne L.			
	5	3,826,569	07/1974	Sakamaki et al.			
	6	3,914,645	10/1975	Li Donnici, Kenneth			
	7	4,047,213	09/1977	Land, Edwin H.			
	8	4,278,995	7/14/81	Fearnside, et al.			
	9	4,827,313	05/1989	Corona, Stephen C.			
	10	4,974,810	12/4/90	Fiske			
	11	5,010,410	4/1991	Bernstein			
	12	5,260,787	11/1993	Capitant, et al.			
	13	5,321,500	06/1994	Capitant, et al.			
	14	5,548,327	08/1996	Gunday, et al.			
	15	5,671,008	9/1997	Linn, Stephen Scott			
	16	5,734,171	3/1998	Witte, Karsten			
	17	5,742,351	04/1998	Guede, Frederique			
	18	5,808,668	9/15/98	Ikari et al.			
	19	5,808,725	9/1998	Moberg, et al.			
	20	5,834,908	11/1998	Boland et al.			
	21	5,838,363	11/1998	Saito, Osamu			
	22	5,841,480	11/1998	Rhodes, Charles W.			
	23	5,886,772	03/1999	Inatome et al.			
	24	5,915,818	6/29/99	Tazawa et al.			
	25	5,933,186	8/3/99	Ikari et al.			
	26	6,002,987	12/1999	Kamiya et al.			
	27	6,034,719	3/7/00	Tazawa et al.			
	28	6,087,354	6/20/00	Eiberger et al.			

EXAMINER	DATE CONSIDERED
*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.	

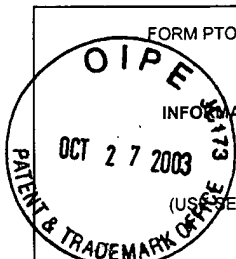
	FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. DFR2000.008C1	APPLICATION NO. 10/626,199
	INFORMATION DISCLOSURE STATEMENT BY APPLICANT			
	APPLICANT Tarnoff et al.		FILING DATE July 23, 2003	
(USE SEVERAL SHEETS IF NECESSARY)			GROUP Unknown	

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
	29	6,137,530	10/24/00	Brown			
	30	6,256,056	7/2001	Kunishige, et al.			
	31	6,297,872	10/2001	Imamura, et al.			
	32	6,538,717	3/2003	Nakamura, et al.			

FOREIGN PATENT DOCUMENTS								
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	33	GB 2 323 495 A	23.09.98	United Kingdom				

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)	
	34	Stuart T. Spence & Harry L. Tarnoff; Copending U.S. Patent Application entitled PORTABLE FILM CONVERSION DEVICE; Application Serial Number 09/747,291; filed December 21, 2000.
	35	Stuart T. Spence & Harry L. Tarnoff; Copending U.S. Patent Application entitled OPTICAL DESIGN FOR FILM CONVERSION DEVICE; Application Serial Number 09/747,180; filed December 21, 2000.
	36	Harry L. Tarnoff & Stuart T. Spence; Copending U.S. Patent Application entitled METHOD AND APPARATUS FOR A DIGITAL PARALLEL PROCESSOR FOR FILM CONVERSION; Application Serial Number 09/746,837; filed December 21, 2000.
	37	Harry L. Tarnoff & Stuart T. Spence; Copending U.S. Patent Application entitled METHOD AND APPARATUS FOR A RECONFIGURABLE DIGITAL PROCESSOR FOR FILM CONVERSION; Application Serial Number 09/746,831; filed December 21, 2000.
	38	Xilinx, Inc.; Product Specification for XC4000E AND XC4000X SERIES FIELD PROGRAMMABLE GATE ARRAYS; May 14, 1999 (Version 1.6).
	39	Xilinx, Inc.; Product Specification for XC4000E AND XC4000X SERIES FIELD PROGRAMMABLE GATE ARRAYS; October 18, 1999 (Version 1.8).
	40	Coreco, Inc.; Product Information for PIXEL PROCESSOR (IMAGE PROCESSING ACCELERATOR FOR THE COBRA/C6 AND VIPER SERIES); 1999.
	41	Coreco, Inc.; Product Brochure for COBRA/C6 (HIGH PERFORMANCE COLOUR/MONOCROME IMAGE PROCESSOR FOR THE PCI BUS); 1998.
	42	Coreco, Inc.; Product Information for PYTHON/C6; 1998.
	43	Coreco, Inc.; Product Information for VIPER-DIGITAL (THE NEXT GENERATION OF INTELLIGENT FRAME GRABBERS); 1998.
	44	IO Industries; Product Information for VIDEO SAVANT; 1997.
	45	Becky Brimhall; Cover letter accompanying 1998 Product Catalog for DIGITAL VIDEO SYSTEMS from Philips Digital Video Systems Company.
	46	Philips Digital Video Systems Company; 1998 Product Catalog for DIGITAL VIDEO SYSTEMS; 1998
	47	Fairlight; Product Brochure for DIGITAL AUDIO SOLUTIONS; 2000
	48	Thor Olson; SCANNING AND RECORDING OF MOTION PICTURE FILM: CRT FILM RECORDING; 1997, Siggraph.
	49	Optec Optical & Opto-Electronic Systems; Product Information for THREE-CHANNEL PRISM - P/N 2696; April 30, 1999 (Rev. 1).
	50	Sony; Datasheet for ILX528K (5000 X 3 PIXEL CCD LINEAR SENSOR (COLOR)).

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<p>*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.</p>	

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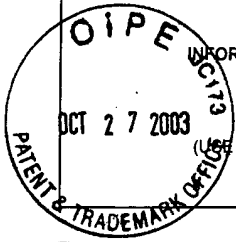
EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)
51	Thomson-CSF; Datasheet for TH78CA13/TH78CA14 (1024/2048 PIXELS HIGH SPEED 8/12 BIT LINESCAN CAMERAS); January 1999 (Rev. 3).
52	Thomson-CSF; Product Information for LINESCAN CAMERAS (TH78CA13/14, TH78CB13/14); 1998.
53	SMPTE; THE 141 <sup>ST</sup> SMPTE TECHNICAL CONFERENCE AND EXHIBITION (CONFERENCE REGISTRATION); November 1999.
54	Bob Pank; Technical Paper entitled FORMAT-INDEPENDENT POST-PRODUCTION; Pages 473-476 of SMPTE Journal, July 1999.
55	Laurence J. Thorpe; Technical Paper entitled CONTEMPORARY DTV ACQUISITION - SOME PERSPECTIVES ON THE RELATED STANDARDS, THE TECHNOLOGIES, AND THE CREATIVE; Pages 551-562 of SMPTE Journal, August 1999.
56	Matt Cowan & Loren Nielsen; Application/Practices Paper entitled IMPROVING THE QUALITY OF FILM TO DIGITAL TRANSFERS FOR DIGITAL CINEMA; Pages 642-644 of SMPTE Journal, September 1999.
57	W. Huther, H. Tjabben & D.J. Bancroft; Technical Paper entitled DIGITAL FILM MASTERING; Pages 859-864 of SMPTE Journal, December 1999.
58	David J. Bancroft; Technical Paper entitled RECENT ADVANCES IN THE TRANSFER AND MANIPULATION OF FILM IMAGES IN THE DATA AND HDTV DOMAINS; Pages 273-286 of SMPTE Journal, April 2000.
59	David Corbitt; Technical Paper entitled A NEW FILM SCANNING MACHINE FOR FILM IN A DIGITAL WORLD; Pages 18-22 of SMPTE Journal, January 2001.
60	Melles Griot 1997-98 Catalog; Product Information for SCHOTT BK-7 LENS; Pages A4.1-A4.10.
61	Panavision; Product Information for DIGITAL CINEMATOGRAPHY CAMERA SYSTEM.
62	Cintel; Picture illustrating FAMILY OF PRODUCTS.
63	Cintel; Product Information for C-REALITY WITH CVIP (COLOUR VECTOR IMAGE PROCESSING).
64	Cintel; Production Information for RASCAL.
65	Philips; Product Information for SPIRIT DATACINE FILM SCANNER.
66	Philips; Product Information for SHADOW TELECINE.
67	Philips; Product Information for VOODOO MEDIA RECORDER.
68	ITK; Product Information for THE MILLENNIUM MACHINE.
60	Christopher Probst; FROM FILM TO TAPE; Pages 102-116 of American Cinematographer, June 1999.
70	Victor Mulholland; CINTEL'S URSA DIAMOND (DIAMOND CLEAR TECHNOLOGY SOLVES MOIRE PROBLEMS); Pages 75 & 76 of Millimeter, May 1998.
71	Data Excellence, Inc.; List of Companies with PRODUCTS FOR VISION AND IMAGING APPLICATIONS.
72	Professional Video Equipment Sales; Information Release regarding HIGH TECHNOLOGY VIDEO GOES TAPELESS; Burbank, California; April 7, 2000.
73	da Vinci Systems, Inc.; Product Information for THE DA VINCI SOLUTION.
74	Digital Vision; Product Information for DVNR1000-DATA (IMAGE PROCESSING WORKSTATION); April 2000.
75	da Vinci Systems, Inc.; Product Information for THE DA VINCI 2K DIGITAL FILM, HDTV, AND SDTV COLOR ENHANCEMENT SYSTEM; 2000.
76	Image Precision International, Ltd.; SOLUTIONS (THE LATEST NEWS IN IMAGING PRODUCTS); Vol. 3, No. 3, Spring 2000.
77	South London Filter, Ltd.; Product Information for SUPPLYING FILTERS FOR C-REALITY.
78	S.R. Electronics; Production Information for ARRI LOC PRO 35 (THE MISSING LINK BETWEEN FILM ACQUISITION AND POST-PRODUCTION); July 1998.
79	Film & Video; Special Advertising Section entitled DREAMING IN COLOR (TELECINE & IMAGINATION); April 1999.

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DFR2000.008C1APPLICATION NO.  
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APPLICANT  
Tarnoff et al.FILING DATE  
July 23, 2003GROUP  
Unknown

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)
80	Oxberry; Photograph of CINESCAN FILM SCANNER; <a href="http://www.oxberry.com/page1.htm">http://www.oxberry.com/page1.htm</a> .
81	Cintel; Product Photograph and Information for THE URSA CALLISTO; <a href="http://www.cintel.co.uk/callisto.htm">http://www.cintel.co.uk/callisto.htm</a> .
82	Cintel; Product Photograph and Information for RASCAL DIGITAL; <a href="http://www.cintel.co.uk/rascal.htm">http://www.cintel.co.uk/rascal.htm</a> .
83	Cintel; Product Photograph and Information for C-REALITY; <a href="http://www.cintel.co.uk/c-reality.htm">http://www.cintel.co.uk/c-reality.htm</a> .
84	Cintel; Product Specification for C-REALITY MULTI-STANDARD TELECINE INCLUSIVE OF C-VIP; <a href="http://www.cintel.co.uk/c-reality-specs.htm">http://www.cintel.co.uk/c-reality-specs.htm</a> .
85	Phillips; Product Photograph and Information for SPIRIT DATACINE; <a href="http://www.broadcast.phillips.com/Web/FProductType.asp?1Nodeld=278">http://www.broadcast.phillips.com/Web/FProductType.asp?1Nodeld=278</a> .
86	DFR2000, Inc.; Photographs of TELECINE CONTROL ROOM; September 2000.
87	DFR2000, Inc.; Photographs of TELECINE FILM ROOM; September 2000.
88	D. W. Leitner; A Y2K COMPLIANT YEAR FOR TELECINES; Pages 97-98 and 100-102 of Millimeter.com, January 2001.
89	DFR2000, Inc.; List of patents from a SEARCH FOR PRIOR ART PATENTS.

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